

What is claimed is

1. A recording medium comprising:

a first recording area on which multiplexed audio  
informations are recorded as sets of one or more information  
5 units;

a second recording area on which control information  
for controlling recording of the multiplexed audio  
informations are recorded,

wherein the control informations include first  
10 information representing the number of sets of information  
composing the multiplexed audio informations, and second  
information instructing to record the multiplexed audio  
informations as a stream.

2. The recording medium according to claim 1  
15 wherein the first information further represents the number  
of multi-channel audio informations, and the second  
information instructs to record the multiplexed audio  
informations and the multi-channel audio informations as a  
stream.

20 3. A system for recording information on a medium  
having a first recording area on which multiplexed audio  
informations are recorded as sets of one or more information  
units, and a second recording area on which control  
information for controlling recording of the multiplexed  
25 audio informations are recorded, the system comprising:

recording means for recording first information  
representing the number of sets of information composing the  
multiplexed audio informations, and second information

instructing to record the multiplexed audio informations as a stream in the second recording area.

4. The system according to claim 3 wherein the recording means further records the number of multi-channel audio informations, and records the multiplexed audio informations and the multi-channel audio informations as a stream.

5. A system for reproducing informations recorded on a medium having a first recording area on which multiplexed audio informations are recorded as sets of one or more information units, and a second recording area on which control information for controlling recording of the multiplexed audio informations are recorded, the control informations including first information representing the number of sets of information composing the multiplexed audio informations, and second information instructing to record the multiplexed audio informations as a stream,

wherein the system has control means for controlling the reproduction of the informations recorded on the medium based on the first information and second information.

6. The system according to claim 5 wherein the first information further represents the number of multi-channel audio informations, and the second information instructs to record the multiplexed audio informations and the multi-channel audio informations as a stream,

the system comprising controls means for controlling the reproduction of the informations recorded on the medium based on the first information and second information.